| Index | of | CI | laiı | ns |
|--------------------------------------|-------|-------|------|-------|
| 11 (684) 88 (1 9 8)(17 | 10110 | 11111 | | BHIII |

| | 1111 BIILE I | 11 0 1 1611 1 10 | |
|----------------------------|--------------|--------------------------------|--|
| | | | |
| | | | |
| | | | |
| i 1 4 e e e e e e e | | | |

Application/Control No.

10/696,467

Examiner Craig E. Walter Applicant(s)/Patent under Reexamination

NG ET AL.

Art Unit

2188

| X | Rejected |
|----|----------|
| 11 | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Cla | aim | Date | | | | | | | | |
|----------|--|--|----------|----------|--|--------------|--|--|----------|----------|
| | | T | | | | | | | | |
| Final | Original | 5/30/07 | | | | | | | | |
| | 1 2 3 4 5 | X X X X X X X X X X X X - - | | | | | | | | |
| | 2 | Х | | | | | | | | |
| | 3 | X | | | | | | | | |
| | 4 | X | | | | | | | | |
| | 5 | X | | | Г | | | П | | П |
| | 6 | X | | | | | | | | |
| | 7 | X | | | | Т | | | 1 | |
| | 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 | X | | | | | | | П | |
| | 9 | X | | | Γ | | | Π | Π | |
| | 10 | Х | | | Ī | | | | 1 | |
| | 11 | х | Г | | | | | Г | | |
| | 12 | X | | | | | | | | |
| | 13 | х | | | | T | | | Т | |
| | 14 | х | | Г | | 1 | | T | | T |
| | 15 | - | | \vdash | T | T | Т | T | | |
| | 16 | - | | | \vdash | | \vdash | <u> </u> | | \vdash |
| | 17 | - | | | | | | \vdash | T | |
| | 18 | - | | | | \vdash | \vdash | H | t | T |
| | 19 | - | | \vdash | | ┢ | \vdash | H | \vdash | ┢ |
| | 20 | - | \vdash | _ | ┪ | H | t | H | \vdash | |
| | 21 | - | | | ┢ | | \vdash | | t | |
| | 22 | - | | - | ╁ | t | H | \vdash | 一 | - |
| | 23 | - | - | | \vdash | _ | | | 一 | - |
| | 24 | - | | | | \vdash | \vdash | \vdash | 一 | \vdash |
| | 25 | · | | | | | t | H | 一 | H |
| | 26 | - | _ | | T | H | | H | \vdash | |
| | 27 | x | | | \vdash | | | - | <u> </u> | |
| | 28 | - x x x x x x x x x x x | | | T | H | H | T | H | |
| | 29 | x | | _ | | \vdash | H | | \vdash | |
| | 30 | x | | | | | | | | |
| | 31 | X | | | | \vdash | Н | \vdash | ╁ | - |
| | 31 32 33 | X | | | _ | ┢ | _ | | \vdash | Н |
| | 33 | x | | _ | _ | - | _ | | ┢ | Н |
| | 34 | X | | _ | ┢ | H | ┢ | | H | Н |
| | 34 35 | X | | | \vdash | | | H | | Н |
| | 36 | x | | | - | | | H | | Н |
| | 37 | X | | | \vdash | | | \vdash | | Н |
| | 38 | $\hat{\mathbf{x}}$ | \neg | | \vdash | | | \vdash | H | Н |
| | 39 | Ĥ | | | \vdash | \vdash | ┢ | _ | - | |
| | 40 | | | | | \vdash | - | | - | |
| | 41 | Н | \neg | _ | \vdash | _ | - | \vdash | | |
| | 42 | | | | | - | - | \vdash | | |
| | 43 | \vdash | - | _ | Н | | | | \vdash | Н |
| | 44 | | | | Н | Н | \vdash | \vdash | \vdash | Н |
| \dashv | 45 | \dashv | - | | | \vdash | \vdash | \vdash | \vdash | \vdash |
| | 46 | \dashv | \dashv | _ | \vdash | - | - | | \vdash | \vdash |
| | 47 | \dashv | \dashv | _ | \vdash | | _ | - | - | |
| | 48 | | \dashv | | \vdash | | - | - | \vdash | \vdash |
| | 70 | | | | | | | ı | | 1 |
| | 49 | | | | | | | | | |

| Cla | aim Date | | | | | | | | | |
|-----------|----------|----------|-------------------------------------|-------------------------------------|--|-------------------------------------|----------|--|------------|-------------------------------------|
| | | | | П | | | | | Γ | |
| Final | Original | | | | | | | | | |
| | 51 | <u> </u> | | 1 | T | \vdash | 1 | <u> </u> | | |
| | 52 | | 1 | Ī | | | | 1 | T | T |
| | 53 | T | T | ╁ | †= | \vdash | Ι- | | t | 1- |
| | 54 | ┢ | H | ╁ | ╁╴ | + | ╁ | ╁ | ╁ | ┼─ |
| - | 55 | | H | ╁ | ╁ | ╁ | ╁ | ╁ | ╁ | ┼ |
| | 56 | ┝ | ⊢ | ╁╌ | ╁ | ╁ | ⊢ | ┢ | \vdash | ⊢ |
| | | | - | ├ | ┢ | ╁ | ⊢ | ⊢ | ⊢ | ┢ |
| - | 57 | ⊢ | ⊢ | ⊢ | ⊢ | ╁ | ┝ | ╌ | ⊢ | ⊢ |
| | 58 | <u> </u> | ├ | ├ | | | ├ | ⊢ | | ├- |
| | 59 | ! | ļ | ├- | ⊢ | ١. | ├ | ╄ | ├ | - |
| | 60 | ⊢ | ┝ | ⊢ | ┝ | ٠, | - | ⊢ | \vdash | ┝ |
| | 61 | <u> </u> | - | ـ | - | <u> </u> | ├- | ├ | ├ | ├_ |
| \vdash | 62 | \vdash | \vdash | \vdash | ⊢ | ⊢ | \vdash | ⊢ | \vdash | \vdash |
| <u> </u> | 63 | ⊢ | <u> </u> | <u> </u> | ⊢ | - | ⊢ | ⊢ | ⊢ | \vdash |
| \vdash | 64 | L | ⊢ | ـــــ | ┡ | _ | ┞ | <u> </u> | ⊢ | <u> </u> |
| <u> </u> | 65 | _ | ├ | | | - | | <u> </u> | ┞ | |
| \vdash | 66 | ⊢ | ╙ | ŀ | ╙ | ⊢ | L | ⊢ | <u> </u> | <u> </u> |
| | 67 | <u> </u> | <u> </u> | <u> </u> | | _ | <u> </u> | 辶 | _ | 匚 |
| | 68 | L | L | _ | L | 上 | 乚 | 乚 | <u></u> | 乚 |
| | 69 | | | L | L | | L | <u> </u> | L_ | |
| | 70 | | | | | | | | | |
| L | 71 | | L | | <u> </u> | | _ | <u> </u> | | |
| | 72 | | 乚 | 匚 | $oxed{oxed}$ | L | <u></u> | $oxed{oxed}$ | <u> </u> | L |
| | 73 | | | | | | | | | |
| L | 74 | | | | <u> </u> | <u> </u> | | | | |
| | 75 | <u> </u> | <u> </u> | | | <u> </u> | | _ | | |
| <u> </u> | 76 | ļ | L | <u> </u> | <u> </u> | ļ., | <u> </u> | <u> </u> | L. | _ |
| <u> </u> | 77 | | L | _ | <u> </u> | _ | _ | _ | L | |
| | 78 | | <u> </u> | <u> </u> | L. | L | _ | L | <u> </u> | |
| | 79 | | _ | | _ | L | _ | L | _ | |
| L | 80 | _ | <u> </u> | <u> </u> | <u> </u> | | L | _ | | L |
| \perp | 81 | <u> </u> | <u> </u> | ╙ | _ | ╙ | _ | _ | <u> </u> | _ |
| \perp | 82 | _ | <u> </u> | _ | L | _ | <u> </u> | <u> </u> | <u> </u> | |
| \square | 83 | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ | <u> </u> | ldash | <u> </u> | <u> </u> | <u> </u> | _ |
| \square | 84 | | L | _ | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
| | 85 | | <u> </u> | L_ | _ | _ | | L_ | _ | ļ, |
| | 86 | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | <u> </u> | <u> </u> | <u> </u> | L | <u>_</u> | Щ |
| | 87 | | _ | _ | _ | <u> </u> | <u> </u> | | | Ш |
| | 88 | | <u> </u> | | <u> </u> | | <u> </u> | | <u> </u> | Щ |
| | 89 | | <u> </u> | L. | L | L | L | <u> </u> | | L., |
| | 90 | | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | \vdash | <u> </u> | Щ |
| | 91 | | <u> </u> | $ldsymbol{f eta}$ | L | <u> </u> | <u> </u> | $ldsymbol{f eta}$ | L | Щ |
| | 92 | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L | <u> </u> | | Щ |
| | 93 | | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | L | <u> </u> | \sqcup | L | Щ |
| \square | 94 | | L | <u></u> | $ldsymbol{ldsymbol{ldsymbol{\sqcup}}}$ | L_ | _ | | L | Ш |
| | 95 | | L_ | L_ | lacksquare | <u> </u> | Ш | L | <u> </u> | |
| - | 96 | | _ | L. | | <u> </u> | <u> </u> | <u> </u> | | Ш |
| \vdash | 97 | | _ | _ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | Ш | | Ш |
| | 98 | | <u> </u> | Ш | | <u> </u> | ļ | | Ь | |
| | 99 | | <u> </u> | Ш | <u> </u> | \vdash | Ш | L_ | lacksquare | Щ |
| 1 1 | 100 | | | | ı | ı | | | | 1 1 |

| Cli | aim | | · | | | Dat | e_ | r - | | |
|-------|--|----------|----------|----------|----------|--------------|----------|--------------|----------|-----------------|
| Final | Original | | | | | | | | | |
| | 101 | | | | _ | | - | 1 | T | П |
| | 101 102 | | | | | | | Ī | | |
| | 103 | | | | | 匚 | | | \Box | |
| | 104 105 | L | <u> </u> | ╙ | L | $oxed{oxed}$ | _ | | | Ш |
| | 105 | <u> </u> | <u> </u> | _ | <u> </u> | _ | | _ | _ | _ |
| | 106 107 | | _ | | _ | - | <u> </u> | - | ├ | Н |
| | 107 | - | _ | ⊢ | H | \vdash | Ͱ | ⊢ | ┢ | H |
| | 109 | ┝ | ⊨ | ┢ | ┝ | ┢ | ┝ | ╁ | \vdash | Н |
| | 110 | ┢ | \vdash | \vdash | \vdash | H | H | ╁╌ | \vdash | Н |
| | 110 111 112 113 114 115 | Г | | | | | <u> </u> | | Т | \sqcap |
| | 112 | | | | | | | L | | |
| | 113 | | | | | | | 匚 | | Ш |
| | 114 | | | Ш | _ | | _ | L | _ | Ш |
| | 115 | <u> </u> | <u> </u> | | _ | ╙ | <u> </u> | ╙ | _ | Щ |
| | 116 | <u> </u> | L | <u> </u> | <u> </u> | <u> </u> | ├- | - | <u> </u> | $\vdash\vdash$ |
| | 117 118 | _ | \vdash | <u> </u> | _ | ├ | ⊢ | - | | $\vdash \vdash$ |
| | 119 | | | - | - | ⊢ | ├- | ┢ | ┢ | Н |
| | 120 | \vdash | | | _ | ┢ | H | \vdash | | Н |
| | 121 | | | \vdash | Т | \vdash | Н | | - | |
| | 120 121 122 | | | | | Г | | | | |
| | 123 124 | | | | | | | | | |
| | 124 | | | | | L | _ | | <u> </u> | Ш |
| | 125 | | | Ш | _ | | <u> </u> | <u> </u> | | Ш |
| | 126 127 | | Ш | Н | | - | ⊢ | <u> </u> | H | \dashv |
| | 128 | | | - | _ | - | - | | - | \dashv |
| | 129 | | | \vdash | _ | \vdash | \vdash | ┝ | \vdash | \vdash |
| | 128 129 130 | | | Н | | | | \vdash | \vdash | Н |
| | 131 | | | | | | | Т | | |
| | 132 | | | | | | | | | |
| | 133 | | | | | | | | | |
| | 134 | | | | | | L. | <u> </u> | Щ | Ц |
| | 135 | _ | | | | | Ш | | Щ | - |
| | 136 137 | | _ | | _ | | | <u> </u> | \vdash | \dashv |
| | 138 | | | - | | | | | Н | \dashv |
| | 139 | | \dashv | | | | | Н | | \dashv |
| | 140 | | | | | | | Н | | \dashv |
| T | 141 | | | | | | | | | 目 |
| | 142 | | | | | | | | | |
| | 143 | | | | | | | | | |
| | 144 | _ | _ | _ | | | | | | \Box |
| | 145 | _ | 4 | 4 | _ | _ | | | | _ |
| | 146 147 | - | ᆛ | \dashv | _ | Н | \vdash | - | | |
| | 148 | \dashv | - | | _ | \vdash | Н | Н | \vdash | \dashv |
| - | 149 | \dashv | \dashv | ᅥ | \dashv | _ | | \dashv | \dashv | \dashv |
| | 150 | | | \dashv | | | | | | \neg |
| | | | | | | | | _ | | |